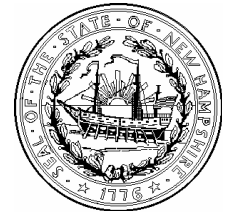


STATE OF NEW HAMPSHIRE
Department of Environmental Services
Air Resources Division



Title V Operating Permit

Permit No: **TV-OP-044**
Date Issued: **August 26, 2002**

This certifies that:
Anheuser-Busch Companies, Inc.
One Busch Place, 202-4 (Environmental Affairs)
St. Louis, Missouri 63118

has been granted a Title V Operating Permit for the following facility and location:
Anheuser-Busch, Inc.
221 Daniel Webster Highway, P.O. Box 610
Merrimack, NH 03054
AFS Point Source Number – 3301100017

This Title V Operating Permit is hereby issued under the terms and conditions specified in the Title V Operating Permit Application filed with the New Hampshire Department of Environmental Services on **June 28, 1996 and amended on January 30, 1997, July 19 and 20, 1999, March 27, 2000, and January 18, 2002** under the signature of the following responsible official certifying to the best of their knowledge that the statements and information therein are true, accurate and complete.

Responsible Official:
Dennis A. Nesbitt
Plant Manager
(603) 889-6631
Technical Contact:
Thomas Blake
Environmental Engineer
(603) 595-1214

This Permit is issued by the New Hampshire Department of Environmental Services, Air Resources Division pursuant to its authority under New Hampshire RSA 125-C and in accordance with the provisions of the Code of the Federal Regulations Title 40 Part 70.

This Title V Operating Permit shall expire on **August 31, 2007**

SEE ATTACHED SHEETS FOR ADDITIONAL PERMIT CONDITIONS

For the New Hampshire Department of Environmental Services, Air Resource Division

Chief Air Programs Manager, Air Resources Division

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ABBREVIATIONS

AAL	Ambient Air Limit
AP-42	Compilation of Air Pollutant Emission Factors
ARD	Air Resources Division
ASTM	American Society for Testing and Materials
BACT	Best Available Control Technology
BHP	Brake Horse Power
BTU	British Thermal Units
CAA	Clean Air Act
CAM	Compliance Assurance Monitoring
CAS	Chemical Abstract Service
CEMS	Continuous Emission Monitoring System
CF	Cubic Foot (ft ³)
CFR	Code of Federal Regulations
CNG	Compressed Natural Gas
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
COMS	Continuous Opacity Monitoring System
DER	Discrete Emission Reduction
Env-A	New Hampshire Code of Administrative Rules – Air Resources Division
Env-Wm	New Hampshire Code of Administrative Rules – Waste Management Division
ECS	Emission Control System
ERC	Emission Reduction Credit
FR	Federal Register
Ft ³	Cubic foot
Gal	Gallon
HAP	Hazardous Air Pollutant
HCl	Hydrochloric acid
Hr	Hour
kGal	1,000 gallons
KW	Kilo Watt
LAER	Lowest Achievable Emission Rate
Lb/hr	Pounds per Hour
Lb/CF	Pounds per Cubic Foot
LNB	Low NO _x Burner
LNG	Liquid Natural Gas
LPG	Liquid Petroleum Gas (Propane)
MACT	Maximum Achievable Control Technology
mg/L	Milligrams per liter (ppm)
MMBTU	Million British Thermal Units
MMCF	Million Cubic Feet
MW	Mega Watt
NAAQS	National Ambient Air Quality Standard
NESHAPs	National Emissions Standard for Hazardous Air Pollutants
NG	Natural Gas

ABBREVIATIONS (cont.)

NHDES (or DES)	New Hampshire Department of Environmental Services
NO _x	Oxides of Nitrogen
NSPS	New Source Performance Standard
NSR	New Source Review
PCB	Polychlorinated biphenyls
PE	Potential Emission
PM	Particulate Matter
PM ₁₀	Particulate Matter less than 10 microns diameter
ppm	Part per Million
ppmv	Part per Million by Volume
PSD	Prevention of Significant Deterioration
PSI	Pounds per Square Inch
PTE	Potential to Emit
RACT	Reasonably Available Control Technology
RSA	Revised Statutes Annotated
RTAP	Regulated Toxic Air Pollutant
SIP	State Implementation Plan
SO ₂	Sulfur Dioxide
T-12M	Tons during any consecutive 12-month period
TAP	Toxic Air Pollutant
TSP	Total Suspended Particulate Matter
TPY	Tons per Year
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound

Facility Specific Title V Operating Permit Conditions

I. Facility Description of Operations

Anheuser-Busch, Inc. (Anheuser-Busch) operates a beer manufacturing facility. The process at the facility consists of the grains handling, beer brewing, packaging, and the utilities.

Raw materials (i.e., barley malt, rice, and corn grits) are transported to the facility by rail car and unloaded pneumatically into storage bins. The grains are then conveyed to the grains milling and weighing operations. The mills grind the kernels to facilitate the conversion of the starchy interior to sugars in the brewing process. Particulate emissions are the primary criteria pollutant emitted from the grains handling operations.

The milled raw materials are then blended with water to begin the brewing process. The malt is mixed and cooked. A grain adjunct malt may also be mixed and cooked. The dissolved extract is separated from the insoluble grain particles through a straining process. The liquid or wort is pumped into the brew kettle. The spent grain is recovered and sold as animal feed. Hops are added to the wort. The hops are removed after the boiling of the wort. When the wort is cooled, yeast is added to begin the fermentation. The beer is then stored in lager tanks to complete the aging process. The beer is then clarified in the schoene cellars, filtered, and sent to packaging. Residual process streams are sent to a distillation system for alcohol recovery. In packaging, the beer is filled into bottles, cans, or kegs. All products, except draft products, are pasteurized to destroy organisms that could affect the beer quality. Adhesives and inks, emitting small quantities of VOCs, are used during the packaging process.

At various points throughout the brewing process, volatile organic compounds (VOCs), mainly in the form of ethanol, are emitted. Most of the carbon dioxide (CO₂) formed during fermentation is recovered and reintroduced later in the process to carbonate the beer. CO₂ is emitted when tanks are vented.

The process steam for the brewing process is provided by three boilers, which are fired by either natural gas or No. 6 residual fuel oil. Occasionally, the boilers may fire a small amount of on-site generated used oil blended with No. 6 fuel oil. The boilers emit nitrogen oxide (NO_x), sulfur dioxide (SO₂), particulate matter (PM), carbon monoxide (CO), and VOCs.

II. Permitted Activities

In accordance with all of the applicable requirements identified in this permit, the permittee is authorized to operate the devices and or processes identified in Sections III, IV, V and VI within the terms and conditions specified in this Permit.

III. Significant Activities Identification and Stack Criteria

A. Significant Activity Identification

The activities identified in the following table (Table 1) are subject to and regulated by this Title V Operating Permit:

Table 1 – Significant Activity Identification		
Emission Unit Number	Description of Emission Unit	Maximum Operating Conditions
EU01	Steam Boiler No. 1 (Babcock & Wilcox Model No. FM-1766, Serial No. 23072)	138 mmBtu/hr firing rate with No. 6 fuel oil; 142 mmBtu/hr firing rate with natural gas
EU02	Steam Boiler No. 2 (Babcock & Wilcox Model No. FM-1766, Serial No. 23071)	138 mmBtu/hr firing rate with No. 6 fuel oil; 142 mmBtu/hr firing rate with natural gas
EU03	Steam Boiler No. 3 (Babcock & Wilcox Model No. FM-1766, Serial No. 23070)	138 mmBtu/hr firing rate with No. 6 fuel oil; 142 mmBtu/hr firing rate with natural gas
EU04	Malt Beverage Production	Maximum VOC emission rate of 37.6 lbs/thousand barrels of beer packaged per calendar month.
EU05	Grains Handling Systems	Maximum throughput equal to or less than 60,000 lb/hr for the grains handling systems. The grains handling systems consist of the grain unloading system, the grains transfer system, the dust collection system, the vacuum system, and the residuals building receiver.
EU06	Emergency Generators	Each emergency generator shall be limited to less than 500 hours of operation during any consecutive 12-month period. The combined theoretical potential NO _x emissions from all emergency generators combined are limited to less than 25 tons for any consecutive 12-month period.
EU07	Diatomaceous Earth (DE) Process	The DE Process consists of a body feed tank and a DE silo. Each of these units must operate with a filter receiver at all times to control PM emissions.
EU08	Alternative Chilling Process (ACP) system	The ACP system must operate with a filter receiver at all times to control PM emissions

B. Stack Criteria

The stacks listed in Table 2 for significant devices indicated in Table 1 shall meet criteria in accordance with the Federally Enforceable National Ambient Air Quality Standards (NAAQS) and with the state-only¹ modeling requirements specified in Env-A 1300 and Env-A 1400 and in the *Air Toxics Impact Assessment*, dated September 2000, submitted by Anheuser-Busch.

¹ The term “state-only requirement” is used to refer to those requirements that are not federally enforceable but are state requirements as defined in Env-A 101.259.

Table 2 – Stack Criteria				
Stack Number	Emission Unit Number	Minimum Stack Height (feet) Above Ground Level	Maximum Stack Diameter (feet)	Minimum Stack Flow Rate (ACFM)
ST01	EU01	53	5	47,000
ST02	EU02	53	5	47,000
ST03	EU03	53	5	47,000
ST04-HSL-1	EU04	24	0.67	0
ST04-TA-1		79	1.5	0
ST04-TA-2		79	1.5	0
ST04-TA-3		79	1.5	0
ST04-SF-1		121	1.5	0
ST04-SF-2		96.1	1.5	0
ST04-CW-1		112	1.5	0
ST04-KEGLN80		24	0.33	0
ST05-GM-1 (includes GAV-1 and GDT-1)	EU05	122	1.5	0
ST05-GU-1		30.5	0.83	0
ST05-GT-1		28.5	0.5	0

Preauthorized changes to state-only requirements pertaining to stack parameters shall be permitted only when an air quality impact analysis which meets the criteria of Env-A 606 is performed either by the facility or the New Hampshire Department of Environmental Services, Air Resources Division (if requested by facility in writing) in accordance with the “DES Policy and Procedure for Air Quality Impact Modeling.” All air modeling data shall be kept on file at the facility for review by the DES upon request.

IV. **Insignificant Activities Identification**

All activities at this facility that meet the criteria identified in the New Hampshire Rules Governing the Control of Air Pollution Part Env-A 609.03(g), shall be considered insignificant activities. Emissions from the insignificant activities shall be included in the total facility emissions for the emission-based fee calculation described in Section XXIII of this Permit.

V. **Exempt Activities Identification**

All activities identified in the New Hampshire Rules Governing the Control of Air Pollution Env-A 609.03(c) shall be considered exempt activities and shall not be included in the total facility emissions for the emission based fee calculation described in Section XXIII of this permit.

VI. **Pollution Control Equipment Identification**

The devices and/or processes identified in Table 3 are considered pollution control equipment or techniques for each identified emissions unit:

Table 3 – Pollution Control Equipment Identification		
Pollution Control Equipment Number	Description of Equipment	Emission Unit Number
PCE01	Alternative Low NOx Burners on Boiler No. 1	EU01
PCE02	Alternative Low NOx Burners on Boiler No. 2	EU02
PCE03	Alternative Low NOx Burners on Boiler No. 3	EU03
PCE04	Dust Collection Systems Filter Receivers (GM-1)	EU05
PCE05	Grains Unloading System Filter Receiver (GU-1)	EU05
PCE06	Grains Transfer System Filter Receiver (GT-1)	EU05
PCE07	Vacuum Cleaning System Filter Receiver and Cyclones (GAV-1)	EU05
PCE08	Residuals Building Dust Filter Receiver (GDT-1)	EU05
PCE09	DE Body Feed Tank Filter Receiver (BF-1)	EU07
PCE10	DE Silo Filter Receiver (DES-1)	EU07
PCE11	ACP Filter Receiver (ACP-1)	EU08

VII. Alternative Operating Scenarios

No alternative operating scenarios were identified for this Permit.

VIII. Applicable Requirements

A. State-only Enforceable Operational and Emission Limitations

The Permittee shall be subject to the state-only operational and emission limitations identified in Table 4 below.

Table 4 – State-Only Enforceable Operational and Emission Limitations			
Item #	Regulatory Cite	Applicable Emission Unit	Applicable Requirement
1.	Env-A 1403.01 and 1403.02 (b)	Facility wide	All devices and processes shall be subject to the requirements of Env-A 1400 (<i>Regulated Toxic Air Pollutants</i>).
2.	Env-A 1404.01(d)	Facility wide	Documentation for the demonstration of compliance shall be retained at the facility and shall be made available to the DES for inspection.
3.	Env-A 1405.01	Facility wide	(a) The owner of a new or modified device or process requiring a permit under this chapter shall submit an application for a temporary permit in accordance with Env-A 607.03. (b) Pursuant to RSA 125-I:5,I, the owner shall not operate the device or process until a temporary permit is issued.
4.	Env-A 1406.01	Facility wide	The owner of any device or process, which emits a regulated toxic air pollutant, shall determine compliance with the ambient air limits by using one of the methods provided in Env-A 1406.02, Env-A 1406.03, or Env-A 1406.04. Upon request, the owner of any device or process that emits a regulated toxic air pollutant shall provide documentation of compliance with the ambient air limits to the DES.

Table 4 – State-Only Enforceable Operational and Emission Limitations																	
Item #	Regulatory Cite	Applicable Emission Unit	Applicable Requirement														
5.	Env-Wm 807.02(b) Maximum Allowable Concentrations of Toxics in Used Oil and Env-1400	EU01, EU02, EU03	<p>Anheuser-Busch shall burn only specification used-oil² generated on-site with the following allowable limits:</p> <table><tr><td>Arsenic*</td><td>5 ppm maximum</td></tr><tr><td>Cadmium*</td><td>2 ppm maximum</td></tr><tr><td>Chromium*</td><td>10 ppm maximum</td></tr><tr><td>Lead*</td><td>100 ppm maximum</td></tr><tr><td>Total Halogens*</td><td>1000 ppm maximum</td></tr><tr><td>PCBs*</td><td>Less than 2 ppm</td></tr><tr><td>Flash Point</td><td>100 degrees F minimum</td></tr></table> <p>Anheuser-Busch shall burn only specification used-oil that does not otherwise exhibit any of the hazardous waste characteristics specified in Env-Wm 403. Anheuser-Busch shall limit the amount of specification used-oil burned to less than one percent (on a volume basis) of the oil-fired in the boilers on a monthly and consecutive 12-month basis and a maximum of 6,000 gallons per consecutive 12-month period per boiler. * - dry weight basis</p>	Arsenic*	5 ppm maximum	Cadmium*	2 ppm maximum	Chromium*	10 ppm maximum	Lead*	100 ppm maximum	Total Halogens*	1000 ppm maximum	PCBs*	Less than 2 ppm	Flash Point	100 degrees F minimum
Arsenic*	5 ppm maximum																
Cadmium*	2 ppm maximum																
Chromium*	10 ppm maximum																
Lead*	100 ppm maximum																
Total Halogens*	1000 ppm maximum																
PCBs*	Less than 2 ppm																
Flash Point	100 degrees F minimum																
6.	Env-1400	EU05, EU07, EU08	<p>To maintain compliance with the regulated toxic air pollutant emission levels, Anheuser-Busch shall operate the grains handling processes with the following pollution control equipment:</p> <p>A) Dust Collection Systems Filter Receivers; B) Grains Unloading System Filter Receiver; C) Grains Transfer System Filter Receiver; D) Vacuum Cleaning System Filter Receiver and Cyclones; and E) Residuals Building Dust Filter Receiver.</p> <p>Anheuser Busch shall also operate the following diatomaceous earth (DE) processes with the following pollution control equipment:</p> <p>A) Body Feed Tank Filter Receiver; and B) DE Silo Filter Receiver.</p> <p>Anheuser Busch shall also operate the alternate chilling process (ACP) system with a filter receiver to control silica gel emissions.</p>														
7.	Env-A 404.01 and 405.02 SO2 Limitations for Acid Deposition Control	EU01, EU02, EU03	<p>Anheuser-Busch shall limit the average SO₂ emission rate to 1.6 lb SO₂/MMBtu input on a consecutive 12-month basis, and the sulfur content shall be limited to 1.0 percent sulfur by weight. Anheuser-Busch may average the emission rate for all such sources on a BTU input basis to demonstrate compliance with the average SO₂ emission rate.</p>														

B. Federally Enforceable Operational and Emission Limitations

The Permittee shall be subject to the federally enforceable operational and emission limitations identified in Table 5 below:

² Specification used oil shall be defined in accordance with Env-Wm 110.01(b).

Table 5 – Federally Enforceable Operational and Emission Limitations

Item #	Regulatory Cite	Applicable Emission Unit	Applicable Requirement
1.	Env-A 1211.05 (d)(3) NOx RACT for Industrial Boilers	EU01, EU02, EU03	Anheuser-Busch shall operate and maintain Low NOx burners. When firing natural gas, NOx emissions shall not exceed 0.25 lb/MMBtu based on a 24-hour calendar day average for each boiler.
2.	Env-A 1604, Permits to Operate Nos. PO-B-384, PO-B-385, and PO-B-386 Sulfur Content Limitations for Liquid Fuels	EU01, EU02, EU03	The sulfur content of No. 6 oil and used oil shall not exceed 1.00 percent sulfur by weight, and the average of all fuels for EU01, EU02, and EU03, pursuant to Env-A 404.01 and 405.02, shall not exceed 1.6 lb SO2/MMBtu input on a consecutive 12-month basis.
3.	Env-A 1604 Sulfur Content Limitations for Liquid Fuels	EU06	The sulfur content of diesel fuel shall not exceed 0.4 percent sulfur by weight.
4.	40 CFR 52 ³ and Env-A 1605 Sulfur Content for Gaseous Fuels	EU01, EU02, EU03	Gaseous fuel shall contain no more than 5 grains of sulfur per 100 cubic feet of gas, calculated as hydrogen sulfide at standard temperature and pressure.
5.	Permits to Operate Nos. PO-B-384, PO-B-385, and PO-B-386 and Env-A 2003.01 Visible Emission Standard for Fuel Burning Devices	EU01, EU02, EU03, EU06 and Facility wide	No owner or operator shall cause or allow average opacity from fuel burning devices installed on or prior to May 13, 1970 in excess of 40 percent for any continuous 6-minute period in any 60-minute period.
6.	Env-A 2003.06 Particulate Emission Standards for Fuel Burning Devices	EU01, EU02, EU03, EU06 and Facility wide	<p>No owner or operator shall cause or allow emissions of particulate matter from fuel burning devices installed on or prior to May 13, 1970 in excess of the emission rates E denoted below, expressed in lb particulate matter/MMBtu.</p> <p>For devices with the maximum gross heat input I equal to or greater than 10 MMBtu/hr, but less than 10,000 MMBtu/hr,</p> $E = 0.880 (I)^{-0.166}$ <p>For devices with the maximum gross heat input I less than 10 MMBtu/hr, the emission rate E shall be equal to 0.60</p>
7.	Env-A 2103.02 Emissions Standards for Particulate Matter for Non-Fuel Burning Devices	EU04, EU05, EU07, EU08, and Facility wide	For non-fuel burning devices installed prior to or on February 18, 1972 with a process weight up to 60,000 lb/hr, the maximum allowable particulate matter emission rate (E), in lb/hr, shall be the process weight rate (P), in tons per hour, raised to the 0.67 power and then multiplied by 5.05.

³ Env-A 402.03, effective on December 27, 1990, was adopted as part of the State Implementation Plan (SIP) on September 14, 1992 and is still considered to be federally enforceable until such time as the SIP is amended and approved by the EPA.

Table 5 – Federally Enforceable Operational and Emission Limitations

Item #	Regulatory Cite	Applicable Emission Unit	Applicable Requirement
			$E=5.05 \times P^{0.67}$ <p>For non-fuel burning devices installed prior to or on February 18, 1972 with a process weight in excess of 60,000 lb/hr, the maximum allowable particulate matter emission rate (E), in lb/hr, shall be the process weight rate (P), in tons per hour, raised to the 0.11 power, multiplied by 66.0 then subtract 48.</p> $E=66.0 \times P^{0.11} - 48$ <p>For non-fuel burning devices installed after February 18, 1972 with a process weight up to 60,000 lb/hr, the maximum allowable particulate matter emission rate (E), in lb/hr, shall be the process weight rate (P), in tons per hour, raised to the 0.67 power and then multiplied by 4.10.</p> $E=4.10 \times P^{0.67}$ <p>For non-fuel burning devices installed after February 18, 1972 with a process weight in excess of 60,000 lb/hr, the maximum allowable particulate matter emission rate (E), in lb/hr, shall be the process weight rate (P), in tons per hour, raised to the 0.11 power, multiplied by 55.0 then subtract 40.</p> $E=55.0 \times P^{0.11} - 40$
8.	Env-A 2107 Visible Emission Standards for Non-Fuel Burning Devices	EU04, EU05, EU07, EU08 and Facility wide	Anheuser-Busch shall not cause or allow visible fugitive emissions or visible stack emissions from non-fuel burning devices to exceed an average of 20 percent opacity for any continuous 6-minute period in any 60-minute period.
9.	Permits to Operate Nos. PO-B-384, PO-B-385, and PO-B-386 Maximum Annual Gross Heat Input	EU01, EU02, EU03	Anheuser-Busch shall limit the maximum cumulative annual gross heat input to 2.56×10^{12} Btu of fuel oil and/or natural gas on a rolling 12-month average for steam boilers Nos. 1, 2, and 3.
10.	Env-A 1211.02(j)	EU06	Each emergency generator shall be limited to less than 500 hours of operation during any consecutive 12-month period. The combined theoretical potential NOx emissions from all emergency generators combined are limited to less than 25 tons for any consecutive 12-month period.
11.	Env-A 1002 Fugitive Dust	Facility wide	Anheuser-Busch shall take precautions to prevent, abate, and control the emission of fugitive dust. Such precautions shall include wetting, covering, shielding, or vacuuming.
12.	Env-A 1608 Use of Non-Conforming Fuels	Facility wide	Except in the case of a fuel shortage as provided in Env-A 1609 and approved by DES, Anheuser-Busch shall not cause or allow the use of a non-conforming fuel.
13.	40 CFR 61 Subpart M, Env-A 504.01(d) and Env-A 1800 Asbestos	Facility wide	Anheuser-Busch shall comply with the asbestos requirements of Env-A 1800 and 40 CFR 61.145 during demolition and/or renovation.

Table 5 – Federally Enforceable Operational and Emission Limitations

Item #	Regulatory Cite	Applicable Emission Unit	Applicable Requirement
	Management and Control		
14.	Env-A 2105 Specific Toxic Emission Standards for Asbestos	Facility wide	Anheuser-Busch shall not cause or allow the emissions of asbestos, CAS number 13332-21-4, in excess of those limits specified in 40 CFR 61.144.
15.	RSA 125-C:6, RSA 125-C:11, and Env-A 606.04 National Ambient Air Quality Standards	Facility wide	Anheuser-Busch shall comply with the National Ambient Air Quality Standards (NAAQS) and the applicable requirements of RSA 125-C:6, RSA 125-C:11, and Env-A 606.04. These sections include, but are not limited to, descriptions of the powers and duties of the commissioner, and requirements for adherence to permit application procedures and air pollution dispersion modeling impact analyses.
16.	40 CFR 82 Subpart F Stratospheric Ozone Protection	Facility wide	<p>Any person servicing, maintaining, or repairing appliances (except for motor vehicle air conditioners) which contain and use class I or class II substances as a refrigerant and which are used for household or commercial purposes, including any air conditioner, refrigerator, chiller, or freezer are subject to the requirements of 40 CFR 82 Subpart F (Recycling and Emission Reduction):</p> <p>A) Owners of equipment containing more than 50 pounds of refrigerants are required to repair substantial leaks. The annual leak rate cannot exceed 35 percent per 12-month period for industrial process and commercial refrigeration equipment. The annual leak rate cannot exceed 15 percent of charge per 12-month period for comfort cooling chillers and all other equipment containing more than 50 pounds of refrigerants, except for industrial process and commercial refrigeration equipment.</p> <p>B) Technicians servicing appliances that contain 50 or more pounds of refrigerant must provide the owner with an invoice that indicates the amount of refrigerant added to the appliance. In addition, technicians must be certified and keep a copy of their proof of certification at their place of business.</p> <p>C) Owners of air conditioning and refrigeration equipment with more than 50 pounds of refrigerant must keep records of the quantity of refrigerant added to their equipment during servicing and maintenance procedures and the date and type of service rendered to the equipment.</p>
17.	40 CFR 68 and 1990 CAA Section 112(r)(1) Accidental Release Program Requirements	Facility wide	<p>Anheuser-Busch maintains quantities of ammonia above the threshold quantities established by the EPA under 40 CFR Part 68.130. Anheuser-Busch submitted a Risk Management Plan on June 18, 1999 to EPA.</p> <p>In addition, the facility is subject to the Purpose and General Duty clause of the 1990 Clean Air Act, Section 112(r)(1). General Duty includes the following responsibilities:</p> <p>A) Identify potential hazards which may result from such releases using appropriate hazard assessment techniques;</p> <p>B) Design and maintain a safe facility;</p> <p>C) Take steps necessary to prevent releases; and</p> <p>D) Minimize the consequences of accidental releases that do occur.</p>

C. VOC RACT Requirements

The Permittee is subject to the Volatile Organic Compound (VOC) Reasonably Available Control Technology (RACT) emission limits and restrictions as contained in the VOC RACT Order ARD-00-001 dated April 15, 2002 and Section VIII.C. of this Permit. Emission limits and restrictions contained in Sections VIII.C.1. through VIII.C.6. are federally enforceable.

1. In accordance with Env-A 1204.27, the Permittee is subject to the following VOC RACT requirements set forth in Section VIII.C.2. through VIII.C.6.
2. Implementation and maintenance of process loss reduction activities, including the following:
 - a) Development of information management systems that enhance operator and supervisor involvement in planning, quality assurance, and maintenance. These systems shall provide production schedules, efficiencies, product losses, trends, and product availability directly to operators and supervisors. Upon request, these systems shall be available for review by DES and/or EPA.
 - b) Enhanced training for equipment operators (production employees). The enhanced training shall consist of implementation of structured training programs, establishment of written standard operating procedures (SOPs), establishment of a Plant Training Manager and departmental Training Coordinators, or equivalent positions, and utilization of an apprenticeship program or similar program for new production employees and production employees changing responsibilities. Documentation of such training shall be kept on file at the facility and shall be made available to DES and/or EPA upon request. Anheuser-Busch shall conduct operator training for the following reasons, at a minimum:
 - i. New equipment installation;
 - ii. New production employee or production employee changing responsibilities or cross-training;
 - iii. Equipment or technical upgrades;
 - iv. Recurring problems with equipment or inefficient operation of equipment due to a lack of operator skills or knowledge, or;
 - v. Gap analysis reveals the need.
 - c) Development of performance objectives and metrics for each stage of the malt beverage production process on an annual basis. Anheuser-Busch shall measure performance by comparing volumetric measurements taken as the product progresses through a series of accounting cost centers. The difference in volume entering and leaving a cost center represents process loss. Anheuser-Busch shall document the process loss as a percentage of the cost center throughput and shall monitor variances from the standards.

Anheuser-Busch shall maintain the daily production data in the Beer Process & Analysis system for Brewing and the Production Activity Reporting System for Packaging or equivalent systems. These systems shall share the data with the accounting Cost Management System or an equivalent system. Anheuser-Busch shall also measure and monitor all pertinent material inputs, including the ink and associated solvents used to

apply date codes on packaging materials, glue used to apply the bottle labels, and hot melt adhesives used for case sealing. These systems and records shall be available for review by DES and/or EPA upon request.

- d) Integration of state-of-the-art packaging equipment improvements that result in reduced bottle breakage and emissions. Anheuser-Busch will maintain its existing state-of-the-art packaging equipment and will integrate additional pertinent equipment improvements, if any, as existing equipment is replaced. Existing (as of February 2002) state-of-the-art packaging equipment includes, but is not limited to, the following:
 - i. **Fillers** - bottle, can, & keg fillers that precisely meter the correct quantity of product into containers and employ special valving to maintain a counterpressure during the filling process. Filling under counterpressure minimizes product foaming and its associated process loss.
 - ii. **Fill-Level Detectors** - instruments that continuously monitor the liquid fill levels in containers thereby enabling filling problems to be quickly detected and corrected. Early detection minimizes the quantity of product rejected later and its associated product loss.
 - iii. **Crown Inspectors** - instruments that continuously monitor the condition of applied bottle crowns/caps so that leaking crowns/caps can be quickly detected and corrective crowner equipment adjustments made. Early detection minimizes the quantity of product rejected later and its associated product loss.
 - iv. **Ink-Coders** - precision coding equipment that uses ink to print production date codes on containers. These closed systems apply a minimal quantity of ink when a container is in the target area and use less ink than roller-based coders.
 - v. **Laser Coders** – coders that use laser technology to etch production date codes onto the paper and foil bottle labels. Emissions from laser coders are minimized via activated carbon fume scrubbers and result in fewer emissions than similar ink-based coders.
 - vi. **Labelers** - variable speed bottle labelers that apply only that quantity of label glue deemed necessary to adhere the label to the container.
 - vii. **Case/Carton Sealers** – sealers that apply a minimal quantity of hot melt adhesive to cases or cartons to seal their flaps closed. The adhesive is melted in a closed melt pot to minimize emissions.
 - viii. **Container Handling Equipment** - smooth glide rails, lubricated conveyors, and variable speed equipment drives that minimize bottle and can damage as the containers are moved about the production line.
- e) Development and implementation of enhanced maintenance programs. Anheuser-Busch shall use a computer-based maintenance planning and tracking system, such as SAP (Systems Application Product) or an equivalent system. The system shall enable Anheuser-Busch to establish a formal preventive maintenance program and to manage the storeroom parts availability more efficiently. Anheuser-Busch shall conduct the preventive maintenance tasks specified by the maintenance planning and tracking system at intervals determined to be sufficient and reasonable. Anheuser-Busch shall maintain records of the maintenance conducted. These records shall be available for review by

DES and/or EPA upon request.

3. Implementation of pollution prevention measures to minimize VOC emissions from malt beverage production. These measures will include efficient operation of equipment, process loss minimization, and use of state-of-the-art equipment.
4. Anheuser-Busch shall be limited to 37.6 pounds of VOC per thousand barrels of beer packaged per calendar month.
5. Compliance with the VOC performance standard shall be demonstrated via record keeping and reporting. The facility shall keep the following records:
 - a) Monthly quantity of beer packaged (barrels) and annual quantity of beer packaged (barrels).
 - b) Monthly and annual VOC emissions shall be calculated based upon actual barrels of beer packaged, using available EPA-approved emission factors. Where EPA emission factors are not available, emissions shall be calculated using the best information available. Actual beer packaged shall account for all beer produced, including all losses associated with the production and reclamation of malt beverages.
 - c) Anheuser-Busch shall calculate and record on a monthly basis the pounds of VOC per thousand barrels of beer packaged.
 - d) Anheuser-Busch shall submit an annual VOC emission report for each year by April 15 of the following year.
6. Any records kept to demonstrate compliance with the VOC RACT Order shall be available for review by DES and/or EPA upon request.

D. Emission Reductions Trading Requirements

The Permittee did not request emissions reductions trading in its operating permit application. At this point, DES has not included any permit terms authorizing emissions trading in this permit. All emission reductions trading, must be authorized under the applicable requirements of either Env-A 3000 (the “Emissions Reductions Credits (or ERCs) Trading Program”) or Env-A 3100 (the “Discrete Emissions Reductions (or DERs) Trading Program”) and 42 U.S.C. §7401 et seq. (The “Act”), and must be provided for in this Permit.

E. Monitoring/Testing Requirements

The Permittee is subject to the monitoring/testing requirements as contained in Table 6 below:

Table 6 – Monitoring/Testing Requirements						
Item #	Device	Parameter	Applicable Requirement	Method of Compliance	Frequency of Method	Regulatory Cite
1.	EU01, EU02, EU03	SO ₂ Emissions	Table 4, Item 7	EPA Reference Method 6C	Upon written request by DES and/or EPA	Env-A 806 & 40 CFR 70.6 (a)(3)(i)(B)

Table 6 – Monitoring/Testing Requirements

Item #	Device	Parameter	Applicable Requirement	Method of Compliance	Frequency of Method	Regulatory Cite
2.	EU01, EU02, EU03	NOx Emissions	Table 5, Item 1	EPA Reference Method 7E. If the NOx emission rate exceeds 0.40 lb/MMBtu at any of the boilers, Anheuser-Busch shall notify DES and explain in writing the cause of the NOx emission increase. From emissions stack testing conducted in 1995, DES will use 0.40 lb/MMBtu as the emission baseline to evaluate the acceptability of the boilers as Low NOx Burners.	Every three years and/or upon written request by DES and/or EPA	Env-A 1211.05 (e) and 1211.21, and 40 CFR 70.6 (a)(3)(i)(B)
3.	EU01, EU02, EU03, EU06	Sulfur Content of Liquid Fuel (Fuel No. 6 and diesel fuel)	Table 5, Items 2 and 3	Fuel delivery tickets, other documentation from the fuel supplier or testing in accordance with appropriate ASTM test methods that certify the weight-percent of sulfur for each delivery of the No. 6 fuel oil and diesel fuel.	After each delivery of fuel	Env-A 809.01
4.	EU01, EU02, EU03	Sulfur Content of Liquid Fuel (Used Oil)	Table 5, Item 2	Prior to blending of the used oil with the No. 6 fuel oil, testing in accordance with appropriate ASTM methods to determine compliance with the used oil specification limitation and sulfur content limitations.	Prior to blending of used oil generated on-site with No. 6 fuel oil	Env-A 809.01 & Env-Wm 807(b)(5)
5.	EU01, EU02, EU03, EU06	Sulfur Content of Gaseous Fuel	Table 5, Item 4	Documentation from fuel supplier or conduct testing to determine the sulfur content, expressed as hydrogen sulfide, of gaseous fuels.	Upon written request by DES and/or EPA	Env-A 809.02
6.	EU01, EU02, EU03	Fuel Oil No. 6 Consumption	Table 4, Items 5 and 7; and Table 5, Items 1, 2, and 6	Fuel oil delivery receipts in combination with fuel oil tank inventory at the beginning of the month and at the end of the month and/or boiler oil flow meters	Monthly	Env-A 806 & 40 CFR 70.6 (a)(3)(i)(B)
7.	EU01, EU02, EU03	Used Oil Consumption	Table 4, Item 5	Metering or containers with known volumes	Monthly	Env-A 806 & 40 CFR 70.6 (a)(3)(i)(B)
8.	EU01, EU02, EU03	Natural Gas Consumption	Table 4, Item 7; Table 5, Item 1, 6, and 9	Natural gas flow meter	Continuously	Env-A 806 & 40 CFR 70.6 (a)(3)(i)(B)

Table 6 – Monitoring/Testing Requirements

Item #	Device	Parameter	Applicable Requirement	Method of Compliance	Frequency of Method	Regulatory Cite
9.	EU01, EU02, EU03	Fuel Meters- Periodic Monitoring	Table 4, Items 5 and 7; and Table 5, Items 1,2, 6, and 9	Anheuser-Busch shall ensure that the fuel metering devices that are owned by Anheuser-Busch are calibrated at a frequency in accordance with manufacturer's specifications and following manufacturer's recommended procedures. This calibration shall occur at least once annually or in a manner and/or frequency approved by the Division. Manufacturer's specifications/procedures shall be kept on file and made available to DES and/or EPA on request.	According to manufacturer's specification and/or at least annually	Env-A 806 & 40 CFR 70.6 (a)(3)(i)(B)
10.	EU01, EU02, EU03, EU06	Opacity	Table 5, Item 5	EPA Reference Method 9	As needed	Env-A 806 & 40 CFR 70.6 (a)(3)(i)(B)
11.	EU01, EU02, EU03, EU06	Particulate Matter	Table 5, Item 6	EPA Reference Method 5	Upon written request by DES and/or EPA	Env-A 806 & 40 CFR 70.6 (a)(3)(i)(B)
12.	EU04, EU05, EU07, EU08	Particulate Matter	Table 4, Item 7	EPA Reference Method 5	Upon written request by DES and/or EPA	Env-A 806 & 40 CFR 70.6 (a)(3)(i)(B)
13.	EU04, EU05, EU07, EU08	Opacity	Table 4, Item 8	EPA Reference Method 22	As needed	Env-A 806 & 40 CFR 70.6 (a)(3)(i)(B)
14.	EU04	Malt Beverage Production (Barrels Packaged)	Section VIII. C. 4 and 5	Production meters and/or physical inventory	Monthly	Env-A 806, Env-A 1204, and 40 CFR 70.6 (a)(3)(i)(B)
15.	EU05, EU07, EU08 and PCE04, PCE05, PCE06, PCE07, PCE08, PCE09, PCE10, PCE11	Fabric Filters (preventive maintenance)	Table 4, Item 6; and Table 5, Items 7 and 8	Visually inspect and replace the fabric filters as necessary in accordance with the manufacturer specifications.	As needed	Env-A 806, and 40 CFR 70.6 (a)(3)(i)(B)
16.	EU05	Grain and adjunct Throughputs	Table 5, Item 7	Inventory records and/or purchase records and/or scales	Monthly	Env-A 806 & 40 CFR 70.6 (a)(3)(i)(B)
17.	EU07	Diatomaceous Earth	Table 5, Item 7	Inventory records and/or purchase records and/or scales	Monthly	Env-A 806 & 40 CFR 70.6 (a)(3)(i)(B)

Table 6 – Monitoring/Testing Requirements

Item #	Device	Parameter	Applicable Requirement	Method of Compliance	Frequency of Method	Regulatory Cite
18.	EU08	Silica Gel	Table 5, Item 7	Inventory records and/or purchase records and/or scales	Monthly	Env-A 806 & 40 CFR 70.6 (a)(3)(i)(B)
19.	EU06	Fuel Consumption	Table 5, Item 10	Fuel flow meter and/or inventory and purchase records	Monthly	Env-A 806 & 40 CFR 70.6 (a)(3)(i)(B)
20.	EU06	Hours of Operation	Table 5, Item 10	Record hours of operation	Monthly	Env-A 806 & 40 CFR 70.6 (a)(3)(i)(B)
21.	Facility wide	Dispersion of HAPs, RTAPs and other regulated pollutants	Tables 4 and 5	Conduct annual visual inspections of each stack, process unit, and fuel burning device. Annual inspections shall include a thorough inspection of the condition of each stack exterior, each process unit, and fuel burning device and shall be focused on identifying any holes, leaks, deposits, deficiencies, or deterioration of equipment and stacks.	Annually	Env-A 806 & 40 CFR 70.6 (a)(3)(i)(B)

F. Recordkeeping Requirements

The Permittee is subject to the Recordkeeping requirements as contained in Table 6 below:

Table 7 – Applicable Recordkeeping Requirements⁴

Item #	Recordkeeping Requirement	Frequency of Recordkeeping	Applicable Emission Unit	Regulatory Cite
1.	<u>Fuel Oil Utilization Records.</u> Anheuser-Busch shall keep records on fuel utilization that shall contain the following: A) Monthly fuel consumption by fuel type; B) Monthly quantity of specification used oil blended with No. 6 fuel oil; C) Sulfur content as percent sulfur by weight of fuel by fuel type; D) BTU content per gallon of fuel by fuel type; and E) Hours of operation of each fuel combustion device while operating with fuel oil, so the distribution of fuel among each combustion device can be estimated.	Monthly	EU01, EU02, EU03	Env-A 901.03(a)(1) (old) and Env-A 903.03 (new)

⁴ On April 23, 1999 DES promulgated new Env-A 900 regulations in an attempt to streamline the recordkeeping and reporting requirement sections of the New Hampshire Code of Administrative Rules. Until such time that the new Env-A 900 regulations are approved and adopted into the State Implementation Plan (SIP) by EPA, all Title V permits will be incorporating the old Env-A 900 regulations (which became effective on November 11, 1992), unless the new Env-A 900 regulations are more stringent. The recordkeeping and reporting requirements contained in this permit are those requirements, which the facility shall be required to comply with. These recordkeeping and reporting requirements shall fall under the Permit Shield provisions as contained in Section XIII of this permit.

Table 7 – Applicable Recordkeeping Requirements⁴

Item #	Recordkeeping Requirement	Frequency of Recordkeeping	Applicable Emission Unit	Regulatory Cite
2.	<p><u>Fuel Oil Delivery Tickets:</u> Anheuser-Busch shall maintain delivery tickets from each fuel oil supplier for each shipment of fuel oil received. The delivery tickets shall be in a form suitable for inspection and available to the DES and/or EPA upon request. Each delivery ticket shall indicate the following:</p> <ul style="list-style-type: none"> A) The name of the fuel supplier; B) The address of the fuel supplier; C) The telephone number of the fuel supplier; D) The quantity of fuel oil delivered; and E) The percent sulfur by weight of the fuel oil delivered. <p>If the delivery tickets do not contain sulfur content of fuel delivered, the Permittee shall provide other documentation from the fuel supplier with the above information or perform testing in accordance with appropriate ASTM test methods to determine compliance with the sulfur content limitation provisions in Env-A 1604(c)(2) for liquid fuels.</p>	For each delivery of fuel oil	EU01, EU02, EU03	40 CFR 70.6(a)(3)
3.	<p><u>Used Oil Records:</u> Anheuser-Busch shall maintain analytical results of each container of used oil that will be blended with the No. 6 fuel oil in a form suitable for inspection. These analytical results shall be available to the DES and/or EPA upon request. The analytical records shall include the following information:</p> <ul style="list-style-type: none"> A) The name of the analytical laboratory; B) The address of the analytical laboratory; C) The telephone number of the analytical laboratory; D) The analytical methods used for determination of G) 1) to 8) below; E) The volume of used oil in the container tested; F) The reason for rejection of any used oil, if applicable; G) The concentrations (on a dry weight basis, where applicable) of each of the following in the used oil that will be blended with the Fuel Oil No. 6: <ul style="list-style-type: none"> 1) Sulfur as weight percent; 2) Lead in mg/L; 3) Arsenic in mg/L; 4) Cadmium in mg/L; 5) Chromium in mg/L; 6) Halogens as HCl in mg/L; 7) PCBs in mg/L; and 8) Flash point. 	Prior to each blending of used oil with No. 6 fuel oil	EU01, EU02, EU03	40 CFR 70.6(a)(3), Env-A 1604.01, & Env-Wm 807.02

Table 7 – Applicable Recordkeeping Requirements⁴

Item #	Recordkeeping Requirement	Frequency of Recordkeeping	Applicable Emission Unit	Regulatory Cite
	H) The daily and 12-month consecutive volume of fuel oil consumed; I) The daily and 12-month consecutive volume of specification used oil blended with the virgin fuel oil No. 6; and J) The calculated percentage concentration of specification used oil consumed by volume on a daily and consecutive 12-month basis in the storage tank after addition to the Fuel Oil No. 6.			
4.	<u>Natural Gas Utilization Records.</u> Anheuser-Busch shall keep records on fuel utilization that shall contain the following: A) Monthly fuel consumption by fuel type; B) Hours of operation of each fuel combustion device while operating with natural gas, so the distribution of fuel among each combustion device can be estimated..	Monthly	EU01, EU02, EU03	Env-A 903.03(a)(4) (new)
5.	<u>NOx Recordkeeping Requirements.</u> Anheuser-Busch shall record and maintain the following records: A) Facility information including the following: 1) Source name; 2) Source identification; 3) Physical address; and 4) Mailing address. B) Identification of each fuel-burning device; C) Operating schedule information for each fuel-burning device identified in Condition (B) above: 1) Days of operation per calendar week during the normal operation schedule; 2) Hours of operation per day during the normal operating schedule and for a typical high ozone season day, if different from the normal operating schedule; and 3) Hours of operation per year under normal operating conditions. D) Type and amount of fuel burned for each fuel-burning device in MMBtu/hr during the following time periods: 1) Normal operating conditions and 2) For a typical ozone season day, if different from normal operating conditions; E) NOx emissions data for each device identified in Condition (B) above: 1) Annual theoretical potential emissions for each year, in tons per year;	As specified	EU01, EU02, EU03, and EU06	Env-A 901.08 (old) and Env-A 905.02 (new) and Permits to Operate Nos. PO-B-384, PO-B-385, and PO-B-386

Table 7 – Applicable Recordkeeping Requirements⁴

Item #	Recordkeeping Requirement	Frequency of Recordkeeping	Applicable Emission Unit	Regulatory Cite
	2) Theoretical potential emissions for a typical day during the high ozone season of each year, in pounds per day; 3) Actual NOx emissions for each year, in tons per year; and 4) Actual NOx emissions for a typical day during the high ozone season of each year, in pounds per day.			
6.	<u>NOx RACT Recordkeeping Requirements.</u> Anheuser-Busch shall record the NOx emission rate (in lb/MMBtu) based on stack testing.	For each NOx stack test	EU01, EU02, EU03	Env-A 906 (new) and 40 CFR 70.6(a)(3)(ii)
7.	<u>Process Operation Records.</u> Anheuser-Busch shall keep monthly records regarding the following data in order to assist in determining compliance with emission limitations: A) Total quantities (in lbs or tons) of grains and adjuncts, diatomaceous earth, and silica gel charged to a process; B) Hours of operation corresponding to the process weight quantities; and C) Distribution of the process weights or discharges among the various discharge points.	Monthly	EU04, EU05, EU07, EU08	Env-A 901.04 (old) and Env-A 903.02 (new)
8.	<u>VOC Recordkeeping Requirements.</u> Anheuser-Busch shall record and maintain the following records: A) Facility information including the following: 1) Source name; 2) Source identification; 3) Physical address; and 4) Mailing address. B) Identification of each VOC-emitting device or process except the following: 1) Process or devices associated exclusively with non-core activities ⁵ ; and 2) Processes or devices emitting only exempt VOCs ⁶ . C) Operating schedule information for each VOC-emitting device or process identified in Condition (B) above: 1) Days of operation per calendar week during the normal operation schedule; 2) Hours of operation per day during the normal operating schedule and for a typical high ozone season day, if	As specified	Facility wide	Env-A 901.06 (d) (old) and Env-A 904.02 (new)

⁵ Non-core activities are defined under Env-A 1204.03 as “activities conducted at the source that are not directly related to the central manufacturing and/or business purpose of the source.”

⁶ Exempt VOCs are defined under Env-A 1204.03 as “any VOC listed and set forth at 40 CFR 51.100(s)(1), on the basis that it has been determined to have negligible photochemical reactivity.” Env-A 1204.03 lists the specific compounds that are exempt VOCs.

Table 7 – Applicable Recordkeeping Requirements⁴

Item #	Recordkeeping Requirement	Frequency of Recordkeeping	Applicable Emission Unit	Regulatory Cite
	<p>different from the normal operating schedule; and</p> <p>3) Hours of operation per year under normal operating conditions.</p> <p>D) VOC emissions data for each device identified in Condition (B) above:</p> <p>1) Annual theoretical potential emissions for each year, in tons per year;</p> <p>2) Theoretical potential emissions for a typical day during the high ozone season of each year, in pounds per day;</p> <p>3) Actual VOC emissions for each year, in tons per year;</p> <p>4) Actual VOC emissions for a typical day during the high ozone season of each year, in pounds per day;</p> <p>5) Estimated emissions method code; and</p> <p>6) Applicable emission factors, if used to calculate emissions.</p>			
9.	<p><u>VOC RACT Recordkeeping Requirements.</u></p> <p>Anheuser-Busch shall record and maintain the following information:</p> <p>A) Documentation of enhanced training for equipment operators (production employees);</p> <p>B) Documentation of the malt beverage production process loss as a percentage of the cost center throughput;</p> <p>C) Daily production data in the Beer Process & Analysis system for Brewing and the Production Activity Reporting System for Packaging or equivalent systems;</p> <p>D) Measurements of all pertinent material inputs, including the ink and associated solvents used to apply date codes on packaging materials, glue used to apply the bottle labels, and hot melt adhesives used for case sealing;</p> <p>E) Records of maintenance conducted;</p> <p>F) Records of monthly quantity of beer packaged (barrels);</p> <p>G) Records of monthly VOC emissions; and</p> <p>H) Records of lbs VOC/thousand barrels of beer packaged per calendar month.</p>	As specified	EU04	Env-A 1204.27
10.	<p><u>Emergency Generator Fuel and Operation Records:</u></p> <p>Anheuser-Busch shall record and maintain monthly and consecutive 12-month records as follows:</p> <p>A) Fuel consumption by fuel type;</p> <p>B) Sulfur content as percent sulfur by weight of</p>	Monthly	EU06 and all emergency generators	Env-A 901.03(old) and Env-A 903.03 (new) and 40 CFR 70.6(a)(3)

Table 7 – Applicable Recordkeeping Requirements⁴

Item #	Recordkeeping Requirement	Frequency of Recordkeeping	Applicable Emission Unit	Regulatory Cite
	fuel; C) Btu content per gallon or cubic feet of fuel; D) Hours of operation of each emergency generator.			
11.	<u>Record Retention:</u> Anheuser-Busch shall retain the records required by this permit on file for a minimum of 5 years.	Retain for a minimum of 5 years	Facility wide	Env-A 902.01 (a) (new) and 40 CFR 70.6 (a)(3)(ii)(B)
12.	<u>Monitoring Records:</u> Anheuser-Busch shall maintain records of monitoring requirements as specified in Table 6 of this Permit including the following: A) Preventive maintenance and inspection results for stacks, processes, fabric filters, and emission units; and B) Fuel metering calibrations.	As specified in Table 6	Facility wide	40 CFR 70.6(a)(3)(iii)(A)
13.	<u>Regulated Toxic Air Pollutant Records:</u> Anheuser-Busch shall maintain records in accordance with the applicable method used to demonstrate compliance pursuant to Env-A 1406.	Maintain at facility at all times	Facility wide	Env-A 902.01 (c) (new) State Enforceable Only

G. Reporting Requirements

The Permittee is subject to the reporting requirements identified in Table 7 below:

Table 8 – Applicable Reporting Requirements⁷

Item #	Reporting Requirement	Frequency of Reporting	Applicable Emission Unit	Regulatory Cite
1.	<u>NOx Reporting Requirements.</u> Anheuser-Busch shall report the following information: A) Facility information including the following: 1) Source name; 2) Source identification; 3) Physical address; and 4) Mailing address. B) Identification of each fuel-burning device C) Operating schedule information for each fuel-burning device identified in Condition (B) above: 1) Days of operation per calendar week during the normal operation schedule; 2) Hours of operation per day during the normal operating schedule and for a	Annually, by April 15 th of each year	EU01, EU02, EU03, EU06	Env-A 901.09 (old) and Env-A 909.03 (new) and Permits to Operate Nos. PO-B-384, PO-B-385, and PO-B-386

⁷ On April 23, 1999 DES promulgated new Env-A 900 regulations in an attempt to streamline the recordkeeping and reporting requirement sections of the New Hampshire Code of Administrative Rules. Until such time that the new Env-A 900 regulations are approved and adopted into the State Implementation Plan (SIP) by EPA, all Title V permits will be incorporating the old Env-A 900 regulations (which became effective on November 11, 1992), unless the new Env-A 900 regulations are more stringent. The recordkeeping and reporting requirements contained in this permit are those requirements, which the facility shall be required to comply with. These recordkeeping and reporting requirements shall fall under the Permit Shield provisions as contained in Section XIII of this permit.

Table 8 – Applicable Reporting Requirements⁷

Item #	Reporting Requirement	Frequency of Reporting	Applicable Emission Unit	Regulatory Cite
	<p>typical high ozone season day, if different from the normal operating schedule; and</p> <p>3) Hours of operation per year under normal operating conditions.</p> <p>D) Type and amount of fuel burned for each fuel-burning device in MMBtu/hr during the following time periods:</p> <p>1) Normal operating conditions, and</p> <p>2) For a typical ozone season day, if different from normal operating conditions;</p> <p>E) NO_x emissions data for each device identified in Condition (B) above:</p> <p>1) Annual theoretical potential emissions for each year, in tons per year;</p> <p>2) Theoretical potential emissions for a typical day during the high ozone season of each year, in pounds per day;</p> <p>3) Actual NO_x emissions for each year, in tons per year;</p> <p>4) Actual NO_x emissions for a typical day during the high ozone season of each year, in pounds per day;</p>			
2.	<p><u>NO_x RACT Reporting Requirements.</u> Anheuser-Busch shall submit the results of the stack test to DES. If the NO_x emission rate exceeds 0.40 lb/MMBtu at any of the boilers, Anheuser-Busch shall notify DES and explain in writing the cause of the NO_x emission increase. From emissions stack testing conducted in 1995, DES will use 0.40 lb/MMBtu as the emission baseline to evaluate the acceptability of these boilers as Low NO_x burners.</p>	For each NO _x stack test	EU01, EU02, EU03	Env-A 910 (new) and 40 CFR 70.6(a)(3)(iii)(A)
3.	<p><u>VOC Reporting Requirements.</u> Anheuser-Busch shall report the following information:</p> <p>(A) Facility information, including the following:</p> <p>1) Source name;</p> <p>2) Source identification;</p> <p>3) Physical address;</p> <p>4) Mailing address; and</p> <p>5) A copy of the certificate of accuracy.</p> <p>(B) Identification of each device or process operating at the source identified in Condition (A) above;</p> <p>(C) Operating schedule information for each device or process identified in Condition (B) above, including the following:</p> <p>1) A typical business day;</p> <p>2) A typical high ozone season day, if different from a typical business day;</p>	Annually, by April 15 th of each year	Facility wide	Env-A 901.07 (a) (old) and Env-A 908.03(a) (new)

Table 8 – Applicable Reporting Requirements⁷

Item #	Reporting Requirement	Frequency of Reporting	Applicable Emission Unit	Regulatory Cite
	(D) Total quantities of actual VOC emissions for the entire facility for each or process identified in Condition (B) above, including the following: 1) Annual VOC emissions; 2) Typical high ozone season day VOC emissions; and 3) Emission factors used to calculate emissions, if applicable			
4.	<u>Regulated Toxic Air Pollutant Reports:</u> Anheuser-Busch shall report actual emissions speciated by individual regulated toxic air pollutants, including a breakdown of VOC emission compounds.	Annually (no later than April 15 th of the following year)	Facility wide	Env-A 907.01 (new) State Enforceable Only
5.	<u>Semi-Annual Permit Deviation/Monitoring Reports:</u> Anheuser-Busch shall submit a permit deviation/monitoring report of the data specified in Table 6 of this Permit every 6 months for the periods of January 1 st to June 30 th and July 1 st to December 31 st . All required reports must be certified by a responsible official consistent with 40 CFR 70.5(d). The report shall contain a summary of the following information: A) Preventive maintenance and inspection results for stacks, processes, fabric filters, and emission units; B) Fuel metering calibrations; C) Testing and/or delivery ticket and/or other documentation certifications for liquid fuel and used oil sulfur content; D) Testing certifications of hazardous constituent content and the sulfur content (in weight percent and ppm) for specification used oil; E) Used oil usage in gallons; F) Natural gas consumption; G) Monthly quantity of beer packaged (barrels); H) Monthly VOC emissions in pounds; I) Monthly lb VOC/thousand barrels of beer packaged; J) SO ₂ emissions in lb/MMBtu on a monthly basis and 12-month consecutive basis; K) Grains and adjuncts throughputs in lbs or tons; L) Diatomaceous earth throughputs in lbs or tons; M) Silica gel throughputs in lbs or tons; N) Monthly fuel consumption in gallons for each emergency generator; O) Monthly hours of operation for each emergency generator; and	Semiannually (by April 15 th and October 15 th of each calendar year)	Facility wide	40 CFR 70.6(a)(3)(iii)(A)

Table 8 – Applicable Reporting Requirements⁷

Item #	Reporting Requirement	Frequency of Reporting	Applicable Emission Unit	Regulatory Cite
	P) All instances of deviations from Permit requirements.			
6.	<u>Quarterly Fuel Reports:</u> Anheuser-Busch shall submit fuel consumption records, including sulfur content for fuel oil, on a quarterly basis no later than 45 days after the end of the previous quarter.	Quarterly no later than 45 days after the end of the previous quarter	EU01, EU02, EU03	State Permits to Operate Nos. PO-B-384, PO-B-385, and PO-B-386
7.	<u>Prompt Reporting of Permit Deviations:</u> Anheuser-Busch shall promptly report deviations from permit requirements within 24 hours of discovery of such an occurrence by phone or fax or e-mail in accordance with Section XXVIII of this permit and Env-A 911 (new).	Within 24 hours of discovery of occurrence	Facility wide	Env-A 911 (new) and 40 CFR 70.6 (a)(3)(iii)(B)
8.	<u>Certification by a Responsible Official:</u> Any report or compliance certification submitted to the DES and/or EPA shall contain certification by a responsible official of truth, accuracy, and completeness as outlined in Section XXI.B of this permit.	As specified	Facility wide	40 CFR 70.5 (d)
9.	<u>Annual Reporting and Emissions Fees:</u> Anheuser-Busch shall submit annual reports of actual emissions of all significant and insignificant activities and payment of emission-based fees in accordance with Section XXIII of this permit.	Annually— Reporting by April 15 th and payment by October 15 th	Facility wide	Env-907.01 (new) and Env-A 704.03 and 704.04
10.	<u>Annual Compliance Certification:</u> Anheuser-Busch shall submit annual compliance certification in accordance with Section XXI for this permit.	Annually no later than April 15 th of the following year	Facility wide	40 CFR 70.6(c)(1)

IX. Requirements Currently Not Applicable

The Permittee did not identify any requirements that are not applicable to the facility.

General Title V Operating Permit Conditions

X. Issuance of a Title V Operating Permit

- A. This Permit is issued in accordance with the provisions of Env-A 609. In accordance with 40 CFR 70.6(a)(2), this Permit shall expire on the date specified on the cover page of this Permit, which shall not be later than the date five (5) years after issuance of this Permit.

Permit expiration terminates the Permittee's right to operate the Permittee's emission units, control equipment or associated equipment covered by this permit, unless a timely and complete renewal application is submitted at least 6 months before the expiration date.

- B. Pursuant to Env-A 609.02(b), this Permit shall be a state permit to operate as defined in RSA 125-C:11, III.

XI. Title V Operating Permit Renewal Procedures

Pursuant to Env-A 609.06(b), an application for renewal of this Permit shall be considered timely if it is submitted to the Director at least six months prior to the designated expiration date of this Permit.

XII. Application Shield

Pursuant to Env-A 609.07, if an applicant submits a timely and complete application for the issuance or renewal of a Permit, the failure to have a Permit shall not be considered a violation of this part until the Director takes final action on the application.

XIII. Permit Shield

- A. Pursuant to Env-A 609.08(a), a permit shield shall provide that:

1. For any applicable requirement or any state requirement found in the New Hampshire Rules Governing the Control of Air Pollution specifically included in this Permit, compliance with the conditions of this Permit shall be deemed compliance with said applicable requirement or said state requirement as of the date of permit issuance; and
2. The Permittee need not comply with any applicable requirement or state requirement found in the New Hampshire Rules Governing the Control of Air Pollution and specifically identified in Section IX of this Title V Operating Permit as not applicable to the stationary source or area source.

- B. The permit shield identified in Section XIII.A. of this Permit shall apply only to those conditions incorporated into this Permit in accordance with the provisions of Env-A 609.08(b). It shall not apply to certain conditions as specified in Env-A 609.08(c) that may be incorporated into this Permit following permit issuance by DES.

- C. If a Title V Operating Permit and amendments thereto issued by the DES does not expressly include or exclude an applicable requirement or a state requirement found in the New Hampshire Rules Governing the Control of Air Pollution, that applicable requirement or state requirement

shall not be covered by the permit shield and the Permittee shall comply with the provisions of said requirement to the extent that it applies to the Permittee.

- D.** If the DES determines that this Title V Operating Permit was issued based upon inaccurate or incomplete information provided by the applicant or Permittee, any permit shield provisions in said Title V Operating Permit shall be void as to the portions of said Title V Operating Permit which are affected, directly or indirectly, by the inaccurate or incomplete information.
- E.** Pursuant to Env-A 609.08(f), nothing contained in Section XIII of this Permit shall alter or affect the ability of the DES to reopen this Permit for cause in accordance with Env-A 609.18 or to exercise its summary abatement authority.
- F.** Pursuant to Env-A 609.08(g), nothing contained in this section or in any title V operating permit issued by the DES shall alter or affect the following:
 - 1. The ability of the DES to order abatement requiring immediate compliance with applicable requirements upon finding that there is an imminent and substantial endangerment to public health, welfare, or the environment;
 - 2. The state of New Hampshire's ability to bring an enforcement action pursuant to RSA 125-C:15,II;
 - 3. The provisions of section 303 of the CAA regarding emergency orders including the authority of the EPA Administrator under that section;
 - 4. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
 - 5. The applicable requirements of the acid rain program, consistent with section 408(a) of the CAA;
 - 6. The ability of the DES or the EPA Administrator to obtain information about a stationary source, area source, or device from the owner or operator pursuant to section 114 of the CAA; or
 - 7. The ability of the DES or the EPA Administrator to enter, inspect, and/or monitor a stationary source, area source, or device.

XIV. Reopening for Cause

The Director shall reopen and revise a Title V Operating Permit for cause if any of the circumstances contained in Env-A 609.18(a) exist. In all proceedings to reopen and reissue a Title V Operating Permit, the Director shall follow the provisions specified in Env-A 609.18(b) through (g).

XV. Administrative Permit Amendments

- A. Pursuant to Env-A 612.01, the Permittee may implement the changes addressed in the request for an administrative permit amendment as defined in Env-A 100 immediately upon submittal of the request.
- B. Pursuant to Env-A 612.01, the Director shall take final action on a request for an administrative permit amendment in accordance with the provisions of Env-A 612.01(b) and (c).

XVI. Operational Flexibility

- A. Pursuant to Env-A 612.02, the Permittee subject to and operating under this Title V Operating Permit may make changes involving trading of emissions, off-permit changes, and section 502(b)(10) changes at the permitted stationary source or area source without filing a Title V Operating Permit application for and obtaining an amended Title V Operating Permit, provided that all of the following conditions are met, as well as conditions specified in Section XVI. B through E of this permit, as applicable. At this point, DES has not included any permit terms authorizing emissions trading in this permit.
 - 1. The change is not a modification under any provision of Title I of the CAA;
 - 2. The change does not cause emissions to exceed the emissions allowable under the Title V operating permit, whether expressed therein as a rate of emissions or in terms of total emissions;
 - 3. The owner or operator has obtained any temporary permit required by Env-A 600;
 - 4. The owner or operator has provided written notification to the director and administrator of the proposed change and such written notification includes:
 - a) The date on which each proposed change will occur;
 - b) A description of each such change;
 - c) Any change in emissions that will result;
 - d) A request that the operational flexibility procedures be used; and
 - e) The signature of the responsible official, consistent with Env-A 605.04(b);
 - 5. The change does not exceed any emissions limitations established under any of the following:
 - a) The New Hampshire Code of Administrative Rules, Env-A 100-3800;
 - b) The CAA; or
 - c) This Title V Operating Permit; and

6. The Permittee, DES, and EPA have attached each written notice required above to their copy of this Title V Operating Permit.

B. For changes involving the trading of emissions, the Permittee must also meet the following conditions:

1. The Title V Operating Permit issued to the stationary source or area source already contains terms and conditions including all terms and conditions which determine compliance required under 40 CFR 70.6(a) and (c) and which allow for the trading of emissions increases and decreases at the permitted stationary source or area source solely for the purpose of complying with a federally-enforceable emissions cap that is established in the permit independent of otherwise applicable requirements;
2. The owner or operator has included in the application for the Title V Operating Permit proposed replicable procedures and proposed permit terms which ensure that the emissions trades are quantifiable and federally enforceable for changes to the Title V Operating Permit which qualify under a federally- enforceable emissions cap that is established in the Title V Operating Permit independent of the otherwise applicable requirements;
3. The Director has not included in the emissions trading provision any devices for which emissions are not quantifiable or for which there are no replicable procedures to enforce emissions trades; and
4. The written notification required above is made at least 7 days prior to the proposed change and includes a statement as to how any change in emissions will comply with the terms and conditions of the Title V Operating Permit.

C. For off-permit changes, the Permittee must also meet the following conditions:

1. Each off-permit change meets all applicable requirements and does not violate any existing permit term or condition;
2. The written notification required above is made contemporaneously with each off-permit change, except for changes that qualify as insignificant under the provisions of Env-A 609.03;
3. The change is not subject to any requirements under Title IV of the CAA and the change is not a Title I modification;
4. The Permittee keeps a record describing the changes made at the source which result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under this Permit, and the emissions resulting from those changes; and
5. The written notification required above includes a list of the pollutants emitted and any applicable requirement that would apply as a result of the change.

D. For section 502(b)(10) changes, the Permittee must also meet the following conditions:

1. The written notification required above is made at least 7 days prior to the proposed change; and
 2. The written notification required above includes any permit term or condition that is no longer applicable as a result of the change.
- E. Pursuant to Env-A 612.02(f), the off-permit change and section 502(b)(10) change shall not qualify for the permit shield under Env-A 609.08.

XVII. Minor Permit Amendments

- A. Prior to implementing a minor permit modification, the Permittee shall submit a written request to the Director in accordance with the requirements of Env-A 612.04(b).
- B. The Director shall take final action on the minor permit amendment request in accordance with the provisions of Env-A 612.04(c) through (g).
- C. Pursuant to Env-A 612.04(g), the permit shield specified in Env-A 609.08 shall not apply to minor permit amendments under Section XVII. of this Permit.
- D. Pursuant to Env-A 612.04(i), the Permittee shall be subject to the provisions of Env-A 614 and Env-A 615 if the change is made prior to the filing with the Director of a request for a minor permit amendment.

XVIII. Significant Permit Amendments

- A. Pursuant to Env-A 612.05, a change at the facility shall qualify as a significant permit amendment if it meets the criteria specified in Env-A 612.05(a)(1) through (7).
- B. Prior to implementing the significant permit amendment, the Permittee shall submit a written request to the Director which includes all the information as referenced in Env-A 612.05(b) and (c) and shall be issued an amended Title V Operating Permit from the DES. The Permittee shall be subject to the provisions of Env-A 614 and Env-A 615 if a request for a significant permit amendment is not filed with the Director and/or the change is made prior to the issuance of an amended Title V Operating Permit.
- C. The Director shall take final action on the significant permit amendment in accordance with the Procedures specified in Env-A 612.05(d), (e) and (f).

XIX. Title V Operating Permit Suspension, Revocation or Nullification

- A. Pursuant to RSA 125-C:13, the Director may suspend or revoke any final permit issued hereunder if, following a hearing, the Director determines that:
 1. The Permittee has committed a violation of any applicable statute or state requirement found in the New Hampshire Rules Governing the Control of Air Pollution, order or permit condition in force and applicable to it; or

2. The emissions from any device to which this Permit applies, alone or in conjunction with other sources of the same pollutants, presents an immediate danger to the public health.
- B.** The Director shall nullify any Permit if, following a hearing in accordance with RSA 541-A:30, II, a finding is made that the Permit was issued in whole or in part based upon any information proven to be intentionally false or misleading.

XX. Inspection and Entry

Pursuant to Env-A 614.01, EPA and DES personnel shall be granted access to the facility covered by this Permit, in accordance with RSA 125-C:6, VII for the purposes of: inspecting the proposed or permitted site; investigating a complaint; and assuring compliance with any applicable requirement or state requirement found in the New Hampshire Rules Governing the Control of Air Pollution and/or conditions of any Permit issued pursuant to Chapter Env-A 600.

XXI. Certifications

A. Compliance Certification Report

In accordance with 40 CFR 70.6(c) the Responsible Official shall certify for the previous calendar year that the facility is in compliance with the requirements of this permit. The report shall be submitted annually, no later than April 15th of the following year. The report shall be submitted to the DES and to the U.S. Environmental Protection Agency – Region I. The report shall be submitted in compliance with the submission requirements below.

In accordance with 40 CFR 70.6(c)(5), the report shall describe:

1. The terms and conditions of the Permit that are the basis of the certification;
2. The current compliance status of the source with respect to the terms and conditions of this Permit, and whether compliance was continuous or intermittent during the reporting period;
3. The methods used for determining compliance, including a description of the monitoring, record keeping, and reporting requirements and test methods; and
4. Any additional information required by the DES to determine the compliance status of the source.

B. Certification of Accuracy Statement

All documents submitted to the DES shall contain a certification by the responsible official of truth, accuracy, and completeness. Such certification shall be in accordance with the requirements of 40 CFR 70.5(d) and contain the following language:

"I am authorized to make this submission on behalf of the facility for which the submission is made. Based on information and belief formed after reasonable inquiry, I certify that the statements and information in the enclosed documents are to the best of my knowledge and belief true,

accurate and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."

All reports submitted to DES (except those submitted as emission based fees as outlined in Section XXIII of this Permit) shall be submitted to the following address:

New Hampshire Department of Environmental Services
Air Resources Division
6 Hazen Drive
P.O. Box 95
Concord, NH 03302-0095
ATTN: Section Supervisor, Compliance Bureau

All reports submitted to EPA shall be submitted to the following address:

Office of Environmental Stewardship
Director Air Compliance Program
United States Environmental Protection Agency
1 Congress Street
Suite 1100 (SEA)
Boston, MA 02114-2023
ATTN: Air Compliance Clerk

XXII. Enforcement

Any noncompliance with a permit condition constitutes a violation of RSA 125-C:15, and, as to the conditions in this permit which are federally enforceable, a violation of the Clean Air Act, 42 U.S.C. Section 7401 et seq., and is grounds for enforcement action, for permit termination or revocation, or for denial of an operating permit renewal application by the DES and/or EPA. Noncompliance may also be grounds for assessment of administrative, civil or criminal penalties in accordance with RSA 125-C:15 and/or the Clean Air Act. This Permit does not relieve the Permittee from the obligation to comply with any other provisions of RSA 125-C, the New Hampshire Rules Governing the Control of Air Pollution, or the Clean Air Act, or to obtain any other necessary authorizations from other governmental agencies, or to comply with all other applicable Federal, State, or Local rules and regulations, not addressed in this Permit.

In accordance with 40 CFR 70.6 (a)(6)(ii), a Permittee shall not claim as a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this Permit.

XXIII. Emission-Based Fee Requirements

- A. The Permittee shall pay an emission-based fee annually for this facility as calculated each calendar year pursuant to Env-A 704.03.

- B. The Permittee shall determine the total actual annual emissions from the facility to be included in the emission-based multiplier specified in Env-A 704.03(a) for each calendar year in accordance with the methods specified in Env-A 620.
- C. The Permittee shall calculate the annual emission-based fee for each calendar year in accordance

$$FEE = E * DPT * CPI_m * ISF$$

with the procedures specified in Env-A 704.03 and the following equation:
Where:

FEE = The annual emission-based fee for each calendar year as specified in Env-A 704.
E = The calculation of total annual emissions as specified in Env-A 704.02 and the provisions specified in Env-A 704.03(a).
DPT = The dollar per ton fee the DES has specified in Env-A 704.03(b).
CPI_m = The Consumer Price Index Multiplier as calculated in Env-A 704.03(c).
ISF = The Inventory Stabilization Factor as specified in Env-A 704.03(d).

- D. The Permittee shall contact the DES each calendar year for the value of the Inventory Stabilization Factor.
- E. The Permittee shall contact the DES each calendar year for the value of the Consumer Price Index Multiplier.
- F. The Permittee shall submit, to the DES, payment of the emission-based fee and a summary of the calculations referenced in Sections XXIII.B. and C of this Permit for each calendar year by October 15th of the following calendar year in accordance with Env-A 704.04. The emission-based fee and summary of the calculations shall be submitted to the following address:

New Hampshire Department of Environmental Services
Air Resources Division
6 Hazen Drive
P.O. Box 95
Concord, NH 03302-0095
ATTN.: Emissions Inventory

- G. The DES shall notify the Permittee of any under payments or over payments of the annual emission-based fee in accordance with Env-A 704.05.

XXIV. Duty To Provide Information

In accordance with 40 CFR 70.6 (a)(6)(v), upon the DES's written request, the Permittee shall furnish, within a reasonable time, any information necessary for determining whether cause exists for modifying, revoking and reissuing, or terminating the Permit, or to determine compliance with the Permit. Upon request, the Permittee shall furnish to the DES copies of records that the Permittee is required to retain by this Permit. The Permittee may make a claim of confidentiality as to any information submitted pursuant to this condition in accordance with Env-A 103 at the time such

information is submitted to DES. DES shall evaluate such requests in accordance with the provisions of Env-A 103.

XXV. Property Rights

Pursuant to 40 CFR 70.6 (a)(6)(iv), this Permit does not convey any property rights of any sort, or any exclusive privilege.

XXVI. Severability Clause

Pursuant to 40 CFR 70.6 (a)(5), the provisions of this Permit are severable, and if any provision of this Permit, or the application of any provision of this Permit to any circumstances is held invalid, the application of such provision to other circumstances, and the remainder of this Permit, shall not be affected thereby.

XXVII. Emergency Conditions

Pursuant to 40 CFR 70.6 (g), the Permittee shall be shielded from enforcement action brought for noncompliance with technology based⁸ emission limitations specified in this Permit as a result of an emergency⁹. In order to use emergency as an affirmative defense to an action brought for noncompliance, the Permittee shall demonstrate the affirmative defense through properly signed, contemporaneous operating logs, or other relevant evidence that:

- A. An emergency occurred and that the Permittee can identify the cause(s) of the emergency;
- B. The permitted facility was at the time being properly operated;
- C. During the period of the emergency, the Permittee took all reasonable steps as expeditiously as possible, to minimize levels of emissions that exceeded the emissions standards, or other requirements in this Permit; and
- D. The Permittee submitted notice of the emergency to the DES within two (2) business days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emission, and corrective actions taken.

⁸ Technology based emission limits are those established on the basis of emission reductions achievable with various control measures or process changes (e.g., a new source performance standard) rather than those established to attain health based air quality standards.

⁹ An "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation would require immediate corrective action to restore normal operation, and that causes the source to exceed a technology based limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operations, operator error or decision to keep operating despite knowledge of any of these things.

XXVIII. Permit Deviation

In accordance with 40 CFR 70.6(a)(3)(iii)(B), the Permittee shall report to the DES all instances of deviations from Permit requirements, by telephone, fax, or e-mail (pdeviations@des.state.nh.us) within 24 hours of discovery of such deviation. This report shall include the deviation itself, including those attributable to upset conditions as defined in this Permit, the probable cause of such deviations, and any corrective actions or preventative measures taken.

Within 15 days of discovery of the permit deviation, the Permittee shall submit a written report including the above information as well as the following: preventive measures taken to prevent future occurrences; date and time the permitted device returned to normal operation; specific device, process or air pollution control equipment that contributed to the permit deviation; type and quantity of excess emissions emitted to the atmosphere due to permit deviation; and an explanation of the calculation or estimation used to quantify excess emissions.

Said Permit deviation shall also be submitted in writing to the DES in the semi-annual summary report of monitoring and testing requirements due July 31st and January 31st of each calendar year. Deviations are instances where any Permit condition is violated and has not already been reported as an emergency pursuant to Section XXVII. of this Permit.

Reporting a Permit deviation is not an affirmative defense for action brought for noncompliance.